BEST AVAILABLE COPY

WO 2005/085457 PCT/GB2005/000811

	MATQADLMEL	DMAMEPDRKA	AVSHWQQQSY	LDSGIHSGAT	TTAPSLSGKG
	NPEEEDVDTS	QVLYEWEQGF	SQSFTQEQVA	DIDGQYAMTR	AQRVRAAMFP
	ETLDEGMQIP	STQFDAAHPT	NVQRLAEPSQ	MLKHAVVNLI	NYQDDAELAT
	RAIPELTKLL	NDEDQVVVNK	AAVMVHQLSK	KEASRHAIMR	SPQMVSAIVR
5	TMQNTNDVET	ARCTAGTLHN	LSHHREGLLA	IFKSGGIPAL	VKMLGSPVDS
	VLFYAITTLH	NLLLHQEGAK	MAVRLAGGLQ	KMVALLNKTN	VKFLAITTDC
	LQILAYGNQE	SKLIILASGG	PQALVNIMRT	YTYEKLLWTT	SRVLKVLSVC
	SSNKPAIVEA	GGMQALGLHL	TDPSQRLVQN	CLWTLRNLSD	AATKQEGMEG
	LLGTLVQLLG	SDDINVVTCA	AGILSNLTCN	NYKNKMMVCQ	VGGIEALVRT
10	VLRAGDREDI	TEPAICALRH	LTSRHQEAEM	AQNAVRLHYG	LPVVVKLLHP
	PSHWPLIKAT	VGLIRNLALC	PANHAPLREQ	GAIPRLVQLL	VRAHQDTQRR
	TSMGGTQQQF	VEGVRMEEIV	EGCTGALHIL	ARDVHNRIVI	RGLNTIPLFV
	QLLYSPIENI	QRVAAGVLCE	LAQDKEAAEA	IEAEGATAPL	TELLHSRNEG
	VATYAAAVLF	RMSEDKPQDY	KKRLSVELTS	SLFRTEPMAW	NETADLGLDI
15	GAQGEALGYR	QDDPSYRSFH	SGGYGQDALG	MDPMMEHEMG	GHHPGADYPV
	DGLPDLGHAQ	DLMDGLPPGD	SNQLAWFDTD	L ((GS)) N=	MDPAEAVLQE
	KALKFMNSSE	REDCNNGEPP	RKIIPEKNSL	RQTYNSCARL	CINQETVCLT
	STAMKTENCV	AKAKLANGTS	SMIVPKQRKL	SASYEKEKEL	CVKYFEQWSE
	SDQVEFVEHL	ISQMCHYQHG	HINSYLKPML	QRDFITALPA	RGLDHIAENI
20		AAELVCKEWY		KLIERMVRTD	SLWRGLAERR
		PPDENAPPNS		QDIETIESNW	~
	HCRSETSKGV	YCLQYDDQKI	VSGLRDNTIK		-
	LCLQYDERVI	ITGSSDSTVR	VWDVNAGEML	NTLIHHCEAV	LHLRFNNGMM
0.5	VTCSKDRSIA	VWDMASPTDI	TLRRVLVGHR	AAVNVVDFDD	KYIVSASGDR
25	TIKVWNTSTC	EFVRTLNGHK	RGIACLQYRD	RLVVSGSSDN	TIRLWDIECG
	ACLRVLEGHE	ELVRCIRFDN	KRIVSGAYDG	KIKVWDLMAA	
	CLRTLVEHSG	RVFRLQFDEF	QIVSSSHDDT	ILIWDFLNDP	AAHAEPPRSP
	SRTYTYISR	= (GS) <u>n</u> =		PRPANPDEIG	NFIDENLKAA
20	DSDPTAPPYD	SLLVFDYEGS	GSEAASLSSL	NSSESDQDQD	YDYLNEWGNR
30	FKKLADMYGG	GED			

Figure 1b(ii) (SEQ ID No. 12)

35

40 1/9

WO 2005/085457 PCT/GB2005/000811

FIGURE 1 A

WtPLB

K3R

Wipin Arg Fro-vitiatePLB

K3R

Vitiate PLB

FIGURE 1 B

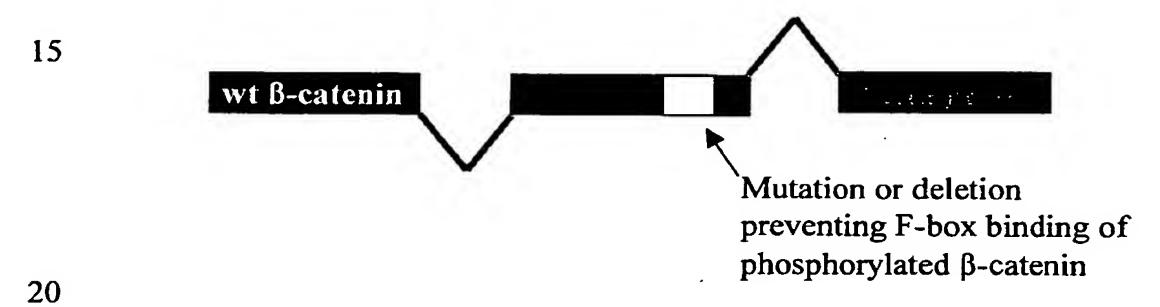
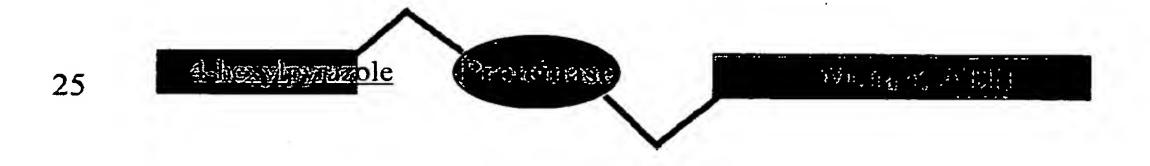


FIGURE 1 C



30

WO 2005/085457 PCT/GB2005/000811

3/9

FIGURE 2

Trans-ubiquitination

Vitiate

WtPLB

Degradation of wtPLB by the proteasome

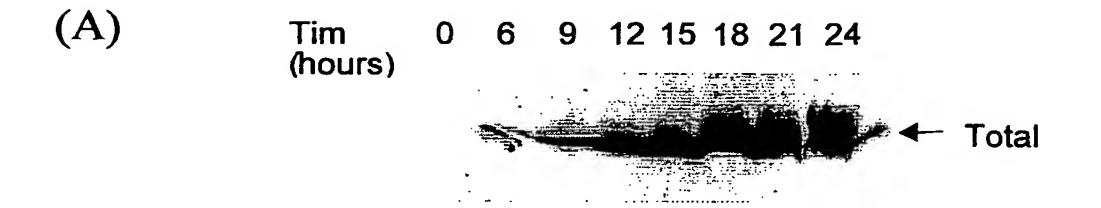
R

Vitiate PLB remains intact

30

25

4/9 FIGURE.3



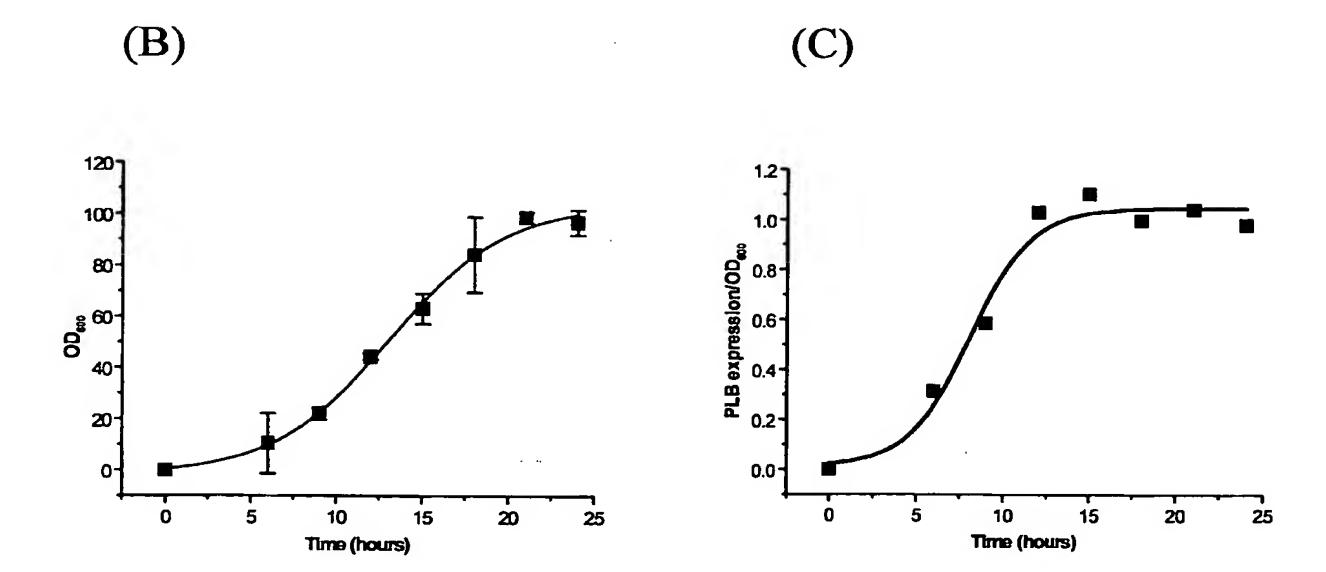


FIGURE 4

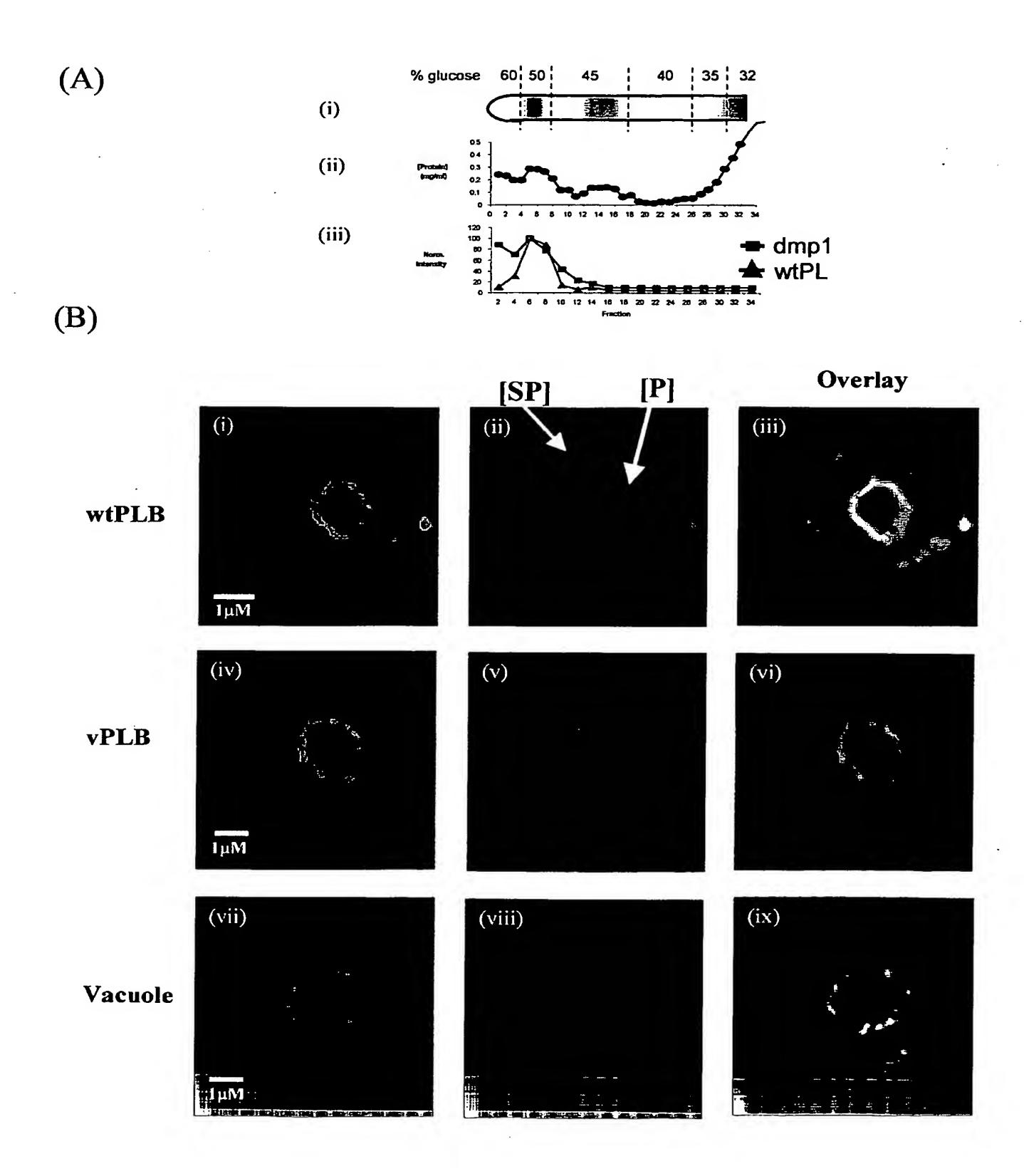
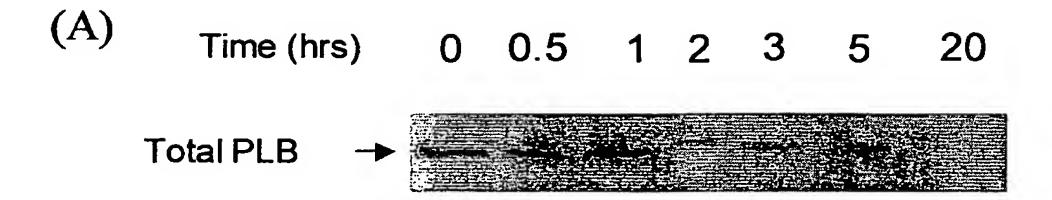


FIGURE 5



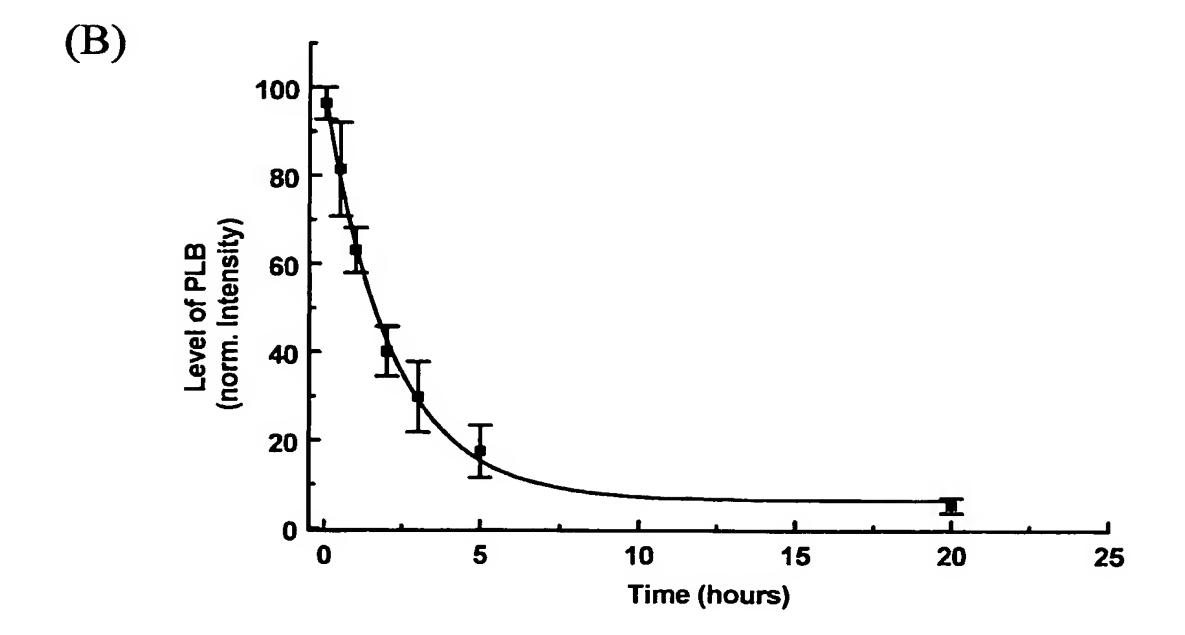


FIGURE 6

(A)

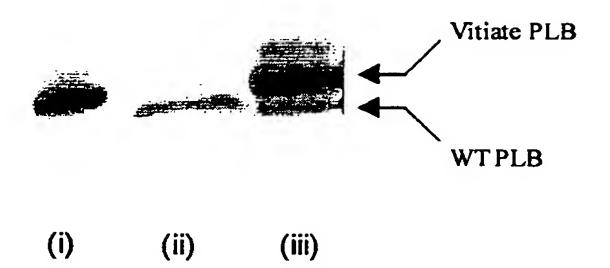
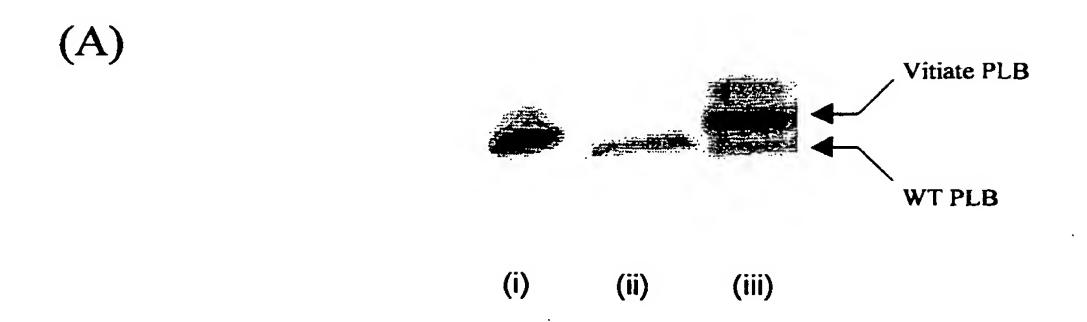
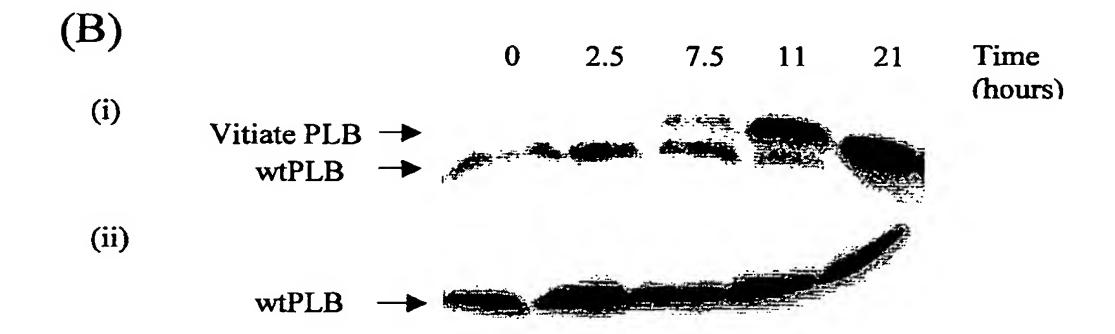
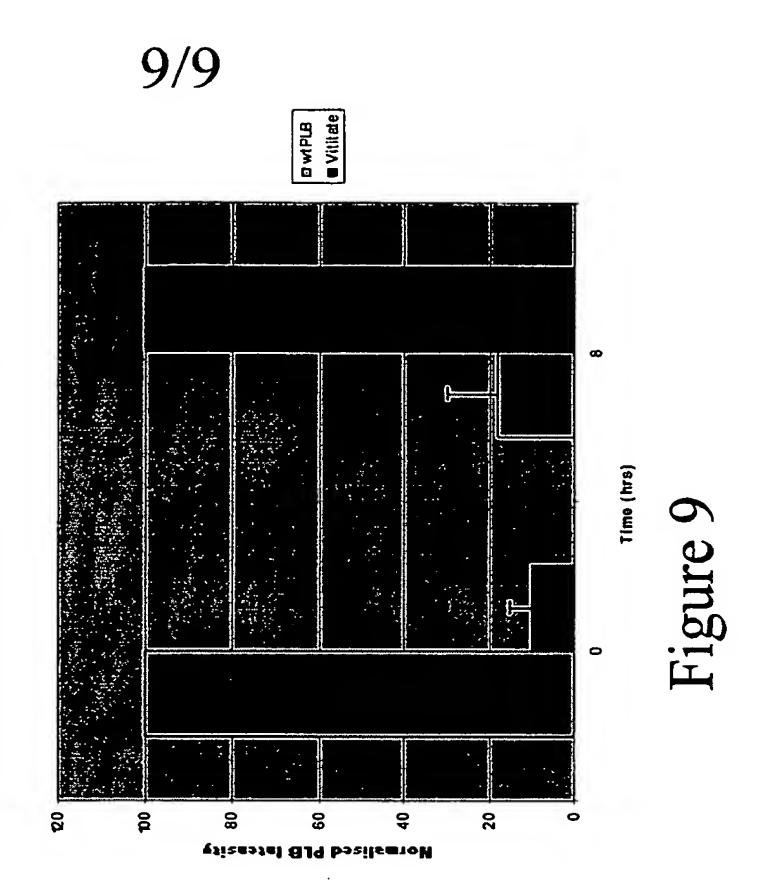
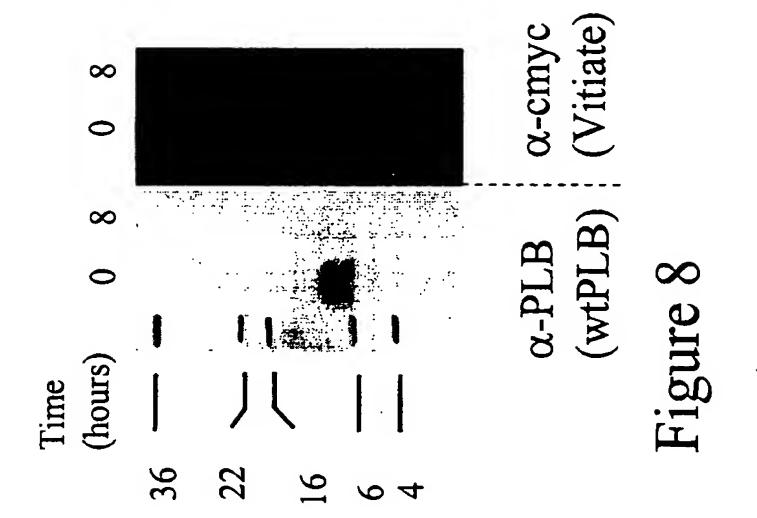


FIGURE 7









This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record.

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:
BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
GRAY SCALE DOCUMENTS
LINES OR MARKS ON ORIGINAL DOCUMENT
REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.